

CECW-EG

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Manual
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**Engineering and Design
ROLLER-COMPACTED CONCRETE**

1. Purpose. The purpose of this manual is to provide information and guidance on the use of roller-compacted concrete (RCC) in dams and other civil works structures. Elements discussed include investigation and selection of materials, mixture proportioning, material properties, design and construction considerations, construction methods and equipment, Government Quality Assurance/Contractor Quality Control, and performance. This manual is intended to serve as a companion to [Engineer Manual \(EM\) 1110-2-2000](#), "Standard Practice for Concrete for Civil Works Structures." The user of this manual should have a copy of [EM 1110-2-2000](#) and the references listed therein. This manual does not cover RCC for pavements.

2. Applicability. This manual applies to all USACE Commands having civil works responsibilities.

3. Distribution Statement. Approved for public release; distribution is unlimited.

FOR THE COMMANDER:



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